

## CLAIMS:

1. A projection device for projecting an image, comprising:

- a light source,
- electro-optical light modulation means,
- image projection means for projecting the image,
- a switchable module comprising at least a first submodule, and
- a mode selection unit for controlling said module such that said first submodule is either active or not active in the light path from said light source to said image projection means,  
said first submodule being adapted to improve the centre brightness and white point of the  
light.

2. A projection device as claimed in claim 1, wherein said module is located  
between said light source and said light modulation means.

15 3. A projection device as claimed in claim 1, wherein said first submodule  
comprises an integrator module or a lens unit, particularly comprising two lenses.

4. A projection device as claimed in claim 1, wherein said first submodule  
comprises colour balancing filter means for balancing the light spectrum towards the required  
20 colour coordinates.

5. A projection device as claimed in claim 1,  
wherein said module further comprises a second submodule adapted to improve corner  
brightness and intensity of the light output, and  
25 wherein said mode selection unit is adapted to control said module in such a way that either  
said first or said second submodule is active in the light path.

6. A projection device as claimed in claim 1, wherein said mode selection unit is adapted to automatically control said module based on the type of data to be converted into an image for projection.

5 7. A projection device as claimed in claim 6, wherein said mode selection unit is adapted in such a way that said first submodule is active for video data and that said second submodule is active for graphic and/or PC data.

8. 10. A projection device as claimed in claim 1, further comprising a user interface for controlling said mode selection unit by a user.

9. A projection device as claimed in claim 1, wherein said electro-optical light modulation means comprise a three-panel liquid crystal display.

15 10. A method of projecting an image, comprising the steps of:  
– generating light by means of a light source,  
– improving the centre brightness and white point of the light by means of a first submodule,  
– controlling the activity of said first submodule in the light path by means of a mode selection unit,  
– modulating the light by means of an electro-optical light modulation means,  
– projecting the image by means of an image projection means.